

# Problem set 1

This problem set is due on January 12.

1. §1.1, exercise 8
2. §1.1, exercise 10
3. §1.1, exercise 30
4. §1.1, exercise 34
5. §1.1, exercise 42
6. §1.2, exercise 4
7. §1.2, exercise 18
8. §1.2, exercise 26
9. §1.2, exercise 30

All exercises are from Bretscher's *Linear Algebra with Applications* (fourth ed.) unless otherwise noted.